

PIR Query Results

Modify Query

232 entries were found (1 to 50 are listed)

XURT8C glutathione transferase (EC 2.5.1.18) 8, cytosolic - rat
XURTG glutathione transferase (EC 2.5.1.18) class alpha chain Ya1 - rat
A37378 glutathione transferase (EC 2.5.1.18) pi - human
XURTGP glutathione transferase (EC 2.5.1.18) 7 - rat
XURTG4 glutathione transferase (EC 2.5.1.18) 4 - rat
XUFF11 glutathione transferase (EC 2.5.1.18) 1 - fruit fly (*Drosophila melanogaster*)
A42045 glutathione transferase (EC 2.5.1.18) class I - house fly
S43851 glutathione transferase (EC 2.5.1.18) - greenbottle fly (*Lucilia cuprina*)
XUZM1 glutathione transferase (EC 2.5.1.18) I - maize
XUZM31 glutathione transferase (EC 2.5.1.18) III (version 1) - maize
XUZM32 glutathione transferase (EC 2.5.1.18) III (version 2) - maize
A60635 glutathione transferase (EC 2.5.1.18), fosfomycin-modifying - *Escherichia coli* plasmid pSU961 transposon Tn2921
E69890 glutathione transferase (EC 2.5.1.18) yndN, fosfomycin-modifying - *Bacillus subtilis*
B48175 glutathione transferase (EC 2.5.1.18), fosfomycin-modifying - *Staphylococcus epidermidis*
C28946 glutathione transferase (EC 2.5.1.18) alpha (clone pGT41) - mouse
A27848 glutathione transferase (EC 2.5.1.18) class alpha chain Ya1 - mouse
B41031 glutathione transferase (EC 2.5.1.18) alpha-II, hepatic - rabbit
A41031 glutathione transferase (EC 2.5.1.18) alpha-I, pulmonary - rabbit
A26753 glutathione transferase (EC 2.5.1.18) Yc1 - rat
S24330 glutathione transferase (EC 2.5.1.18) alpha-2 (clone GTH2) - human
S77958 glutathione transferase (EC 2.5.1.18) alpha-2 (clone GTH2(+)) - human
A24735 glutathione transferase (EC 2.5.1.18) 1 - rat (fragment)
B24735 glutathione transferase (EC 2.5.1.18) 1-2 - rat (fragment)
JX0294 glutathione transferase (EC 2.5.1.18) a - guinea pig
S29657 glutathione transferase (EC 2.5.1.18) omega-1 chain - human (fragments)
S29658 glutathione transferase (EC 2.5.1.18) omega-2 chain - human (fragments)
S43431 glutathione transferase (EC 2.5.1.18) alpha-1 - chicken
S43432 glutathione transferase (EC 2.5.1.18) alpha-2 - chicken (fragment)
S45687 glutathione transferase (EC 2.5.1.18) isoenzyme 5.8 - human (fragments)
S10555 glutathione transferase (EC 2.5.1.18) - rat (fragment)
A54858 glutathione transferase (EC 2.5.1.18) alpha A5 - rat
S27234 glutathione transferase (EC 2.5.1.18) 5.7 - mouse
S20331 glutathione transferase (EC 2.5.1.18) - human
S24322 glutathione transferase (EC 2.5.1.18) class alpha chain Ya3 - mouse
S19734 glutathione transferase (EC 2.5.1.18) - chicken
S21278 glutathione transferase (EC 2.5.1.18) alpha-Yx - rat (fragment)
A56666 glutathione transferase (EC 2.5.1.18) GSTA2 - human
S45689 glutathione transferase (EC 2.5.1.18), pancreatic - human (fragments)
S45690 glutathione transferase (EC 2.5.1.18), brain - human (fragments)
S14355 glutathione transferase (EC 2.5.1.18) class alpha chain 10 - rat (fragments)
S45688 glutathione transferase (EC 2.5.1.18), cardiac - human (fragments)
A26653 glutathione transferase (EC 2.5.1.18) class alpha chain Ya2, hepatic - rat

S29098 glutathione transferase (EC 2.5.1.18) class alpha A2 - golden hamster (fragments)
I52381 glutathione transferase (EC 2.5.1.18) - human
A49365 glutathione transferase (EC 2.5.1.18) A3 - human (fragment)
I52082 glutathione S-transferase Ya subunit - rat (fragment)
S29097 glutathione transferase (EC 2.5.1.18) class alpha A1 - golden hamster (fragments)
I65274 glutathione S-transferase Ya subunit (put.) - rat (fragment)
S71313 glutathione transferase (EC 2.5.1.18) Ya1, class alpha - mouse (fragments)
A41177 glutathione transferase (EC 2.5.1.18) / fatty-acyl-ethyl-ester synthase (EC 3.1.1.67) III, myocardial - human

Previous

Next

Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	glutathione transferase
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2. refine, add to, remove from the list with entries containing:

All fields	
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3. refine, add to, remove from the list with entries containing:

All fields	
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4. refine, add to, remove from the list with entries containing:

All fields	
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Search

[Home: http://pir.georgetown.edu \(17-Jan-2000\)](#)

PIR Query Results

Modify Query

126 entries were found (1 to 50 are listed)

<u>KUHU</u>	ferroxidase (EC 1.16.3.1) precursor - human
<u>A35210</u>	ferroxidase (EC 1.16.3.1) precursor - rat
<u>UKHU</u>	u-plasminogen activator (EC 3.4.21.73) precursor - human
<u>UKBAY</u>	u-plasminogen activator (EC 3.4.21.73) precursor - yellow baboon
<u>UKPG</u>	u-plasminogen activator (EC 3.4.21.73) precursor - pig
<u>JN0560</u>	u-plasminogen activator (EC 3.4.21.73) precursor - bovine
<u>UKMS</u>	u-plasminogen activator (EC 3.4.21.73) precursor - mouse
<u>S18932</u>	u-plasminogen activator (EC 3.4.21.73) precursor - rat
<u>A35005</u>	u-plasminogen activator (EC 3.4.21.73) precursor - chicken
<u>UKHUT</u>	t-plasminogen activator (EC 3.4.21.68) precursor - human
<u>A35029</u>	t-plasminogen activator (EC 3.4.21.68) precursor - rat
<u>A29941</u>	t-plasminogen activator (EC 3.4.21.68) precursor - mouse
<u>A34369</u>	t-plasminogen activator (EC 3.4.21.68) precursor - false vampire bat (<i>Megaderma lyra</i>)
<u>PLHU</u>	plasmin (EC 3.4.21.7) precursor - human
<u>PLPG</u>	plasmin (EC 3.4.21.7) precursor - pig (fragment)
<u>PLMS</u>	plasmin (EC 3.4.21.7) precursor - mouse
<u>PLBO</u>	plasmin (EC 3.4.21.7) precursor - bovine
<u>TIBO</u>	basic proteinase inhibitor precursor - bovine
<u>A55115</u>	uterine plasmin/trypsin inhibitor - pig
<u>TIHCBP</u>	proteinase inhibitor (BPI-type) - horseshoe crab (<i>Tachypleus tridentatus</i>)
<u>TIDGS</u>	proteinase inhibitor (PSTI type), submandibular - dog
<u>S03371</u>	proteinase inhibitor (PSTI type), submandibular - red fox
<u>XSSMA</u>	subtilisin inhibitor precursor (PSTI type) - <i>Streptomyces albogriseolus</i>
<u>XFSMF</u>	plasminostreptin (PSTI-type proteinase inhibitor) - <i>Streptomyces "antifibrinolyticus"</i>
<u>ITHUP1</u>	plasminogen activator inhibitor 1 precursor - human
<u>A35032</u>	plasminogen activator inhibitor 1 precursor - rat
<u>S06745</u>	plasminogen activator inhibitor-1 precursor - bovine
<u>A34761</u>	plasminogen activator inhibitor 1 homolog mrl - mouse
<u>ITHUA2</u>	alpha-2-antiplasmin precursor - human
<u>JN0561</u>	urokinase-type plasminogen activator receptor precursor - bovine
<u>S06763</u>	calreticulin precursor - mouse
<u>FGHUA</u>	fibrinogen alpha chain precursor, short splice form - human
<u>FGBOB</u>	fibrinogen beta chain - bovine
<u>TTHUN</u>	ttranectin precursor - human
<u>JC1195</u>	plasminogen-related protein precursor - human
<u>SGHU1V</u>	vitronectin precursor - human
<u>PRSAK</u>	staphylokinase - phage S phi-C
<u>A42963</u>	glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) - <i>Streptococcus</i> sp.
<u>A57290</u>	venom plasminogen activator (EC 3.4.21.-) precursor - Chinese green tree viper
<u>JS0597</u>	t-plasminogen activator (EC 3.4.21.68) alpha-1 precursor - common vampire bat
<u>JS0598</u>	t-plasminogen activator (EC 3.4.21.68) alpha-2 precursor - common vampire bat
<u>JS0600</u>	t-plasminogen activator (EC 3.4.21.68) gamma precursor - common vampire bat
<u>JS0599</u>	t-plasminogen activator (EC 3.4.21.68) beta precursor - common vampire bat
<u>I38098</u>	t-plasminogen activator precursor, inactive endothelial splice form

- human
S33879 plasmin precursor - lamprey (fragments)
A60140 plasmin (EC 3.4.21.7) precursor - chicken (fragment)
A40522 plasmin (EC 3.4.21.7) precursor - rat (fragment)
C61545 plasmin (EC 3.4.21.7) precursor - goat (fragments)
D61545 plasmin (EC 3.4.21.7) precursor - rabbit (fragment)
E61545 plasmin (EC 3.4.21.7) precursor - dog (fragments)

Previous List

Next List

Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	plasmin
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2. refine, add to, remove from the list with entries containing:

All fields	
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3. refine, add to, remove from the list with entries containing:

All fields	
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4. refine, add to, remove from the list with entries containing:

All fields	
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Search

Home: <http://pir.georgetown.edu> (17-Jan-2000)

PIR Query Results

Modify Query

4 entries were found

S35711 tissue kallikrein (EC 3.4.21.35) precursor, prostatic - rhesus
macaque
S41212 prostate-specific serine proteinase (EC 3.4.21.-) - human
(fragment)
A32297 prostate-specific serine proteinase (EC 3.4.21.-) precursor - human
A56881 prostate-specific membrane antigen - human

Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	<input type="text" value="prostate specific antigen"/>
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2. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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3. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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4. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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Home: <http://pir.georgetown.edu> (17-Jan-2000)

PIR Query Results

Modify Query

210 entries were found (1 to 50 are listed)

A29358 cerevisin (EC 3.4.21.48) precursor - yeast (*Saccharomyces cerevisiae*)
SUBSCL subtilisin (EC 3.4.21.62) Carlsberg precursor - *Bacillus licheniformis*
SUBSD subtilisin (EC 3.4.21.62) DY - *Bacillus subtilis* (strain DY)
SUBSN subtilisin (EC 3.4.21.62) BPN' precursor - *Bacillus amyloliquefaciens*
SUBSS subtilisin (EC 3.4.21.62) amylosacchariticus precursor - *Bacillus subtilis*
SUBSI subtilisin (EC 3.4.21.62) E precursor - *Bacillus subtilis*
SUMYTV thermitase (EC 3.4.21.66) - *Thermoactinomyces vulgaris*
S23407 subtilisin (EC 3.4.21.62) 1 precursor - *Bacillus* sp. (strain TA39)
S25835 subtilisin (EC 3.4.21.62) precursor - *Bacillus* sp. (strain TA41)
SUTIKA endopeptidase K (EC 3.4.21.64) precursor - imperfect fungus (*Tritirachium album*)
S22387 cuticle-degrading proteinase (EC 3.4.21.-) precursor - imperfect fungus (*Metarhizium anisopliae*)
JC2142 alkaline proteinase (EC 3.4.21.-) precursor - fungus (*Fusarium* sp.) (strain S-19-5)
S45493 serine proteinase (EC 3.4.21.-) isp6 - fission yeast (*Schizosaccharomyces pombe*)
JU0332 alkaline proteinase (EC 3.4.21.-) precursor - fungus (*Acremonium chrysogenum*)
S32905 serine proteinase (EC 3.4.21.-) prb1 precursor - fungus (*Trichoderma harzianum*)
SUASO oryzin (EC 3.4.21.63) precursor - *Aspergillus oryzae*
S22184 serine proteinase alp (EC 3.4.21.-) - *Aspergillus fumigatus*
A26955 alkaline serine proteinase (EC 3.4.21.-) precursor - yeast (*Yarrowia lipolytica*)
S61986 subtilisin-like proteinase (EC 3.4.21.-) YSP3 precursor - yeast (*Saccharomyces cerevisiae*)
S19458 hypothetical protein YCR045c - yeast (*Saccharomyces cerevisiae*)
JU0146 serine proteinase (EC 3.4.21.-) precursor - *Aspergillus niger*
JS0173 alkaline proteinase (EC 3.4.21.-) A precursor - *Vibrio alginolyticus*
A35742 aqualysin (EC 3.4.21.-) I precursor - *Thermus aquaticus*
S52769 subtilisin-like proteinase ag12 (EC 3.4.21.-) - *Alnus glutinosa*
A55800 cucumisin (EC 3.4.21.25) precursor - muskmelon
C41335 microbial serine proteinase (EC 3.4.21.-), intracellular - *Bacillus polymyxa*
S27501 alkaline proteinase (EC 3.4.21.-), intracellular - *Bacillus* sp. (strain 221)
SUBSMP serine proteinase (EC 3.4.21.-) epr precursor - *Bacillus subtilis*
SUSEMM serine proteinase (EC 3.4.21.-) precursor - *Serratia marcescens* (strain RH1)
B44858 serine proteinase (EC 3.4.21.-) precursor, cell-envelope-associated - *Lactobacillus paracasei* (strain NCDO 151)
SWQPA1 serotype-specific antigen (EC 3.4.21.-) precursor - *Pasteurella haemolytica* (strain A1)
A35066 streptococcal C5a peptidase (EC 3.4.21.-) precursor - *Streptococcus pyogenes*
PRAISB serine proteinase, calcium-dependent (EC 3.4.21.-) - *Anabaena variabilis*
PRBEI1 56K serine proteinase (EC 3.4.21.-) - ictalurid herpesvirus 1

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(strain auburn 1)
KXHUF furin (EC 3.4.21.75) precursor - human
KXMSF furin (EC 3.4.21.75) precursor - mouse
KXRTF furin (EC 3.4.21.75) precursor - rat
KXHUC2 prohormone-processing proteinase (EC 3.4.21.-) PC2 precursor -
    human
KXMSC2 prohormone-processing proteinase (EC 3.4.21.-) PC2 precursor -
    mouse
KXRTC2 prohormone-processing proteinase (EC 3.4.21.-) PC2 precursor - rat
KXHUC1 prohormone-processing proteinase (EC 3.4.21.-) PC1/PC3 precursor -
    human
KXRTC1 prohormone-processing proteinase (EC 3.4.21.-) PC1 precursor - rat
KXMSC1 prohormone-processing proteinase (EC 3.4.21.-) PC1 precursor -
    mouse
KXBY kexin (EC 3.4.21.61) 2 precursor - yeast (Saccharomyces cerevisiae)
S01013 kexin (EC 3.4.21.61) 1 precursor - yeast (Kluyveromyces marxianus
    var. lactis)
A39490 serine proteinase (EC 3.4.21.-) PACE4 precursor - human
A48225 subtilisin-like proprotein convertase (EC 3.4.21.-) PC5 precursor -
    mouse
JC2192 subtilisin-like proprotein convertase (EC 3.4.21.-) PACE4D - human
JC2191 subtilisin-like proprotein convertase (EC 3.4.21.-) PACE4C - human
TIDGS proteinase inhibitor (PSTI type), submandibular - dog

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Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

<input type="button" value="All fields"/>	<input type="text" value="subtilisin"/>
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2. refine, add to, remove from the list with entries containing:

<input type="button" value="All fields"/>	<input type="text"/>
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3. refine, add to, remove from the list with entries containing:

<input type="button" value="All fields"/>	<input type="text"/>
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4. refine, add to, remove from the list with entries containing:

<input type="button" value="All fields"/>	<input type="text"/>
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Home: <http://pir.georgetown.edu> (17-Jan-2000)

PIR Query Results

Modify Query

63 entries were found (1 to 50 are listed)

GLSOP1 6-phospho-beta-galactosidase (EC 3.2.1.85) - *Lactococcus lactis*
A27233 beta-galactosidase (EC 3.2.1.23) - *Staphylococcus aureus*
A29897 6-phospho-beta-galactosidase (EC 3.2.1.85) - *Lactobacillus casei*
GBEC beta-galactosidase (EC 3.2.1.23) lacZ - *Escherichia coli*
GBECE beta-galactosidase (EC 3.2.1.23) alpha chain - *Escherichia coli*
JC1266 beta-galactosidase (EC 3.2.1.23) - yeast (*Kluyveromyces marxianus*
var. *lactis*)
B69649 beta-galactosidase lacA - *Bacillus subtilis*
A29836 beta-galactosidase (EC 3.2.1.23) I - *Bacillus stearothermophilus*
A69798 beta-galactosidase homolog yesZ - *Bacillus subtilis*
JE0395 phospho-beta-galactosidase I - *Lactobacillus gasseri*
JE0396 phospho-beta-galactosidase II - *Lactobacillus gasseri*
JC5137 beta-glucosidase (EC 3.2.1.21) - *Bifidobacterium breve*
A24925 beta-galactosidase (EC 3.2.1.23) - *Klebsiella pneumoniae*
JU0275 beta-galactosidase (EC 3.2.1.23) - *Thermoanaerobacterium*
thermosulfurigenes
F72283 beta-galactosidase - *Thermotoga maritima* (strain MSB8)
A49750 beta-lactamase (EC 3.5.2.6) - *Streptococcus thermophilus* (strain
"A054")
A30093 beta-galactosidase (EC 3.2.1.23) - *Lactobacillus delbrueckii* subsp.
bulgaricus
I39697 beta-galactosidase (EC 3.2.1.23) - *Arthrobacter* sp.
E72391 beta-D-galactosidase - *Thermotoga maritima* (strain MSB8)
H72283 beta-galactosidase - *Thermotoga maritima* (strain MSB8)
C69649 transcription repressor of beta-galactosidase gene lacR - *Bacillus*
subtilis
A32611 beta-galactosidase (EC 3.2.1.23) precursor - human
A37086 beta-galactosidase (EC 3.2.1.23) precursor - mouse
A57249 beta-galactosidase (EC 3.2.1.23) precursor - *Xanthomonas manihotis*
JC5618 beta-galactosidase (EC 3.2.1.23) - *Bacillus circulans*
S34735 beta-galactosidase (EC 3.2.1.23) - *Agrobacterium radiobacter*
(fragments)
S23694 beta-galactosidase (EC 3.2.1.23) - *Escherichia coli* (fragment)
B65096 beta-galactosidase (EC 3.2.1.23) beta chain - *Escherichia coli*
S59625 beta-galactosidase alpha chain - *Escherichia coli* (fragment)
T30551 beta-galactosidase - *Bacillus megaterium*
T30574 beta-galactosidase - *Bacillus megaterium*
A39405 beta-galactosidase (EC 3.2.1.23) - *Clostridium acetobutylicum*
A56263 beta-galactosidase (EC 3.2.1.23) isozyme 12 - *Arthrobacter* sp.
(strain B7)
T29434 beta-galactosidase (EC 3.2.1.23) - *Streptomyces coelicolor*
T35944 probable beta-galactosidase - *Streptomyces coelicolor*
S06762 beta-galactosidase (EC 3.2.1.23) - *Sulfolobus solfataricus*
JQ0767 beta-galactosidase (EC 3.2.1.23) - *Sulfolobus solfataricus* (strain
MT-4)
T05687 beta-galactosidase homolog F20M13.150 - *Arabidopsis thaliana*
T05771 beta-galactosidase homolog M4E13.70 - *Arabidopsis thaliana*
T04269 probable beta-galactosidase (EC 3.2.1.23) - *Arabidopsis thaliana*
T04600 probable beta-galactosidase (EC 3.2.1.23) F23E13.200 - *Arabidopsis*
thaliana
T00787 probable beta-galactosidase (EC 3.2.1.23) F24L7.5 - *Arabidopsis*
thaliana
S52393 beta-galactosidase (EC 3.2.1.23) - wild cabbage
T17002 probable beta-galactosidase (EC 3.2.1.23) precursor - apple tree

T04340 beta-galactosidase (EC 3.2.1.23) II precursor tomato
T06590 probable beta-galactosidase (EC 3.2.1.23) - tomato
S41889 beta-galactosidase (EC 3.2.1.23) - garden asparagus
S51494 arabinogalactan endo-1,4-beta-galactosidase - Aspergillus aculeatus
B32688 beta-galactosidase-related protein - human
JS0610 beta-galactosidase (EC 3.2.1.23) / glycosylceramidase (EC 3.2.1.62)
precursor - rat

Entrez Gene

NCBI GenBank

Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	<input type="text" value="beta-galactosidase"/>
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2. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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3. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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4. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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[Home: http://pir.georgetown.edu \(17-Jan-2000\)](http://pir.georgetown.edu)

PIR Query Results

Modify Query

145 entries were found (1 to 50 are listed)

LZHU lysozyme (EC 3.2.1.17) c precursor - human
LZBA lysozyme (EC 3.2.1.17) c - baboon
LZBO lysozyme (EC 3.2.1.17) c 2 precursor - bovine
LZRT lysozyme (EC 3.2.1.17) 1 precursor - rat
LZCH lysozyme (EC 3.2.1.17) c precursor - chicken
LZOJEC lysozyme (EC 3.2.1.17) c - California quail
LZOJEB lysozyme (EC 3.2.1.17) c - common bobwhite
LZOJEE lysozyme (EC 3.2.1.17) c precursor - Japanese quail
LZFER lysozyme (EC 3.2.1.17) c precursor - ring-necked pheasant
LZTK lysozyme (EC 3.2.1.17) c precursor - turkey
LZUH lysozyme (EC 3.2.1.17) c - helmeted guineafowl
LZDK lysozyme (EC 3.2.1.17) c precursor - duck
LZDK3 lysozyme (EC 3.2.1.17) c III - duck
LZOVE lysozyme (EC 3.2.1.17) c - plain chachalaca
LZPY lysozyme (EC 3.2.1.17) c - pigeon
LZWK lysozyme (EC 3.2.1.17) c precursor - cecropia moth (fragment)
A40796 lysozyme (EC 3.2.1.17) - tobacco hornworm
JC4233 lysozyme (EC 3.2.1.17) precursor - silkworm
LAHU alpha-lactalbumin precursor - human
LACM alpha-lactalbumin - Arabian camel
LAHO alpha-lactalbumin - horse
LAPG alpha-lactalbumin precursor - pig
LABO alpha-lactalbumin precursor - bovine
LABOZ alpha-lactalbumin - bovine (tentative sequence)
LAGT alpha-lactalbumin precursor - goat
LAGP alpha-lactalbumin precursor - guinea pig
LART alpha-lactalbumin precursor - rat
LARB alpha-lactalbumin - rabbit
LAKGAW alpha-lactalbumin - red-necked wallaby
LZWSG lysozyme (EC 3.2.1.17) g - black swan
LZGSG lysozyme (EC 3.2.1.17) g - goose
LZOSG lysozyme (EC 3.2.1.17) g - ostrich
G5BPT4 lysozyme (EC 3.2.1.17), tail-associated - phage T4
LZBPT4 lysozyme (EC 3.2.1.17) - phage T4
WMBPP9 lysozyme (EC 3.2.1.17) - phage phi-29
WMBP15 lysozyme (EC 3.2.1.17) - phage PZA
LZBP22 lysozyme (EC 3.2.1.17) - phage P22
WMBPP2 lysozyme (EC 3.2.1.17) - phage PA2
LZBP21 lysozyme (EC 3.2.1.17) - phage 21
MUKAD lysozyme (EC 3.2.1.17) - fungus (Chalara sp.)
MUSMM1 lysozyme (EC 3.2.1.17) M1 precursor - Streptomyces globisporus
MUBPM1 lysozyme (EC 3.2.1.17) - Lactobacillus delbrueckii subsp.
 bulgaricus phage mv1
MUBPA7 N-acetylmuramoyl-L-alanine amidase (EC 3.5.1.28) - phage T7
MUBPCP N-acetylmuramoyl-L-alanine amidase (EC 3.5.1.28) - phage CP-1
MUBPC9 N-acetylmuramoyl-L-alanine amidase (EC 3.5.1.28) - phage CP-9
MUBPC7 N-acetylmuramoyl-L-alanine amidase (EC 3.5.1.28) - phage CP-7
S51591 chitinase (EC 3.2.1.14) / lysozyme (EC 3.2.1.17) PZ precursor,
 pathogenesis-related - common tobacco
JE0185 lysozyme (EC 3.2.1.17) - bare-faced crassow
S48642 lysozyme (EC 3.2.1.17) c - dog
A45660 lysozyme (EC 3.2.1.17) I - Australian echidna

[REDACTED] || [REDACTED]

Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	<input type="text" value="lysozyme"/>
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2. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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3. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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4. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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Home: <http://pir.georgetown.edu> (17-Jan-2000)

PIR Query Results

Modify Query

No entries were found

Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	<input type="text" value="pyruvate kinase"/>
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2. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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3. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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4. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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<input type="button" value="Search"/>

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Error Report

Internal Error.

PIR Query Results

Modify Query

4 entries were found

A39019 glucose dehydrogenase (acceptor) (EC 1.1.99.10) - fruit fly
(*Drosophila melanogaster*)
B39019 glucose dehydrogenase (acceptor) (EC 1.1.99.10) - fruit fly
(*Drosophila pseudoobscura*)
A35459 glucose oxidase (EC 1.1.3.4) precursor - *Aspergillus niger*
S14129 glucose oxidase (EC 1.1.3.4) - *Aspergillus niger* (fragment)

Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	<input type="text" value="glucose oxidase"/>
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2. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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3. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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4. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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Error Report

Internal Error.

PIR Query Results

Modify Query

65 entries were found (1 to 50 are listed)

<u>DEHUG6</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - human
<u>A56686</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - mouse
<u>S01233</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) precursor - rat
<u>DEFFG6</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - fruit fly (<i>Drosophila melanogaster</i>)
<u>A56841</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - Japanese pufferfish
<u>DEYCG6</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Synechococcus</i> sp. (strain PCC 7942)
<u>S13744</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - yeast (<i>Saccharomyces cerevisiae</i>)
<u>S31337</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - yeast (<i>Kluyveromyces marxianus</i> var. <i>lactis</i>)
<u>S57785</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - alfalfa
<u>S60287</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - potato
<u>B37855</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Zymomonas</i> <i>mobilis</i>
<u>D64947</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Escherichia</i> <i>coli</i>
<u>A39864</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Leuconostoc</i> <i>mesenteroides</i>
<u>A47740</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - fruit fly (<i>Drosophila melanogaster</i>) (strain OK93)
<u>S77348</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Synechocystis</i> sp. (strain PCC 6803)
<u>S57485</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Aspergillus</i> <i>niger</i>
<u>S54720</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Aspergillus</i> <i>niger</i>
<u>S29381</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - yeast (<i>Pichia</i> <i>jadinii</i>)
<u>S71245</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) (clone E5) - <i>Arabidopsis thaliana</i> (fragment)
<u>S37053</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Erwinia</i> <i>chrysanthemi</i>
<u>E64077</u>	probable glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - <i>Haemophilus influenzae</i> (strain Rd KW20)
<u>B69964</u>	probable glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) yqjJ - <i>Bacillus subtilis</i>
<u>C70179</u>	probable glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - Lyme disease spirochete
<u>T18657</u>	hypothetical protein B0035.5 - <i>Caenorhabditis elegans</i>
<u>T14894</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) 1, cytosolic - parsley
<u>T14896</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) 2, cytosolic - parsley
<u>T14890</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49), chloroplast - parsley
<u>D71319</u>	probable glucose-6-phosphate 1-dehydrogenase (zwf) - syphilis spirochete
<u>T07375</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49), chloroplast - potato
<u>T03244</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - common tobacco
<u>T03740</u>	glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) TPG18 - common

tobacco
T00659 glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) F3I6.22 -
 Arabidopsis thaliana
T09090 glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) (clone O28FA38) -
 spinach (fragment)
T09089 glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) (clone O30A5) -
 spinach plasmid pZL1 (fragment)
T09088 glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - spinach
T07655 glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - soybean
 (fragment)
G72289 glucose-6-phosphate 1-dehydrogenase - Thermotoga maritima (strain
 MSB8)
C72103 glucose-6-p dehydrogenase - Chlamydia pneumoniae (strain CWL029)
B70538 probable glucose-6-phosphate 1-dehydrogenase - Mycobacterium
 tuberculosis (strain H37RV)
B70917 probable zwf2 protein - Mycobacterium tuberculosis (strain H37RV)
F71859 glucose-6-phosphate 1-dehydrogenase - Helicobacter pylori (strain
 J99)
E64657 probable glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) -
 Helicobacter pylori (strain 26695)
B71546 probable glucose-6-phosphate dehydrogenase - Chlamydia trachomatis
 (serotype D, strain UW3/Cx)
H70916 probable glucose-6-phosphate 1-dehydrogenase zwf2 - Mycobacterium
 tuberculosis (strain H37RV)
S72775 probable glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) isozyme
 gpdB - Mycobacterium leprae
F70127 probable glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) - Lyme
 disease spirochete
F64657 probable glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) -
 Helicobacter pylori (strain 26695)
S18396 probable glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) -
 Acetobacter hansenii (fragment)
B75377 glucose-6-phosphate 1-dehydrogenase - Deinococcus radiodurans
 (strain R1)
C75377 probable glucose 6-phosphate dehydrogenase assembly protein OpcA -
 Deinococcus radiodurans (strain R1)

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Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	<input type="text" value="glucose 6-phosphate dehydrogenase"/>
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2. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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3. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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4. refine, add to, remove from the list with entries containing:

All fields

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PIR Query Results

Modify Query

37 entries were found

S23437 Photinus-luciferin 4-monooxygenase (ATP-hydrolyzing) (EC 1.13.12.7)
- Japanese firefly

JS0181 Photinus-luciferin 4-monooxygenase (ATP-hydrolyzing) (EC 1.13.12.7)
- Genji firefly

A26772 Photinus-luciferin 4-monooxygenase (ATP-hydrolyzing) (EC 1.13.12.7)
- common eastern firefly

S00574 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Vibrio fischeri

JH0387 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Photobacterium phosphoreum

S17953 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Photobacterium leiognathi

S18546 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Vibrio harveyi

B35411 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Xenorhabdus luminescens

C42951 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Xenorhabdus luminescens

C38448 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Xenorhabdus luminescens

A44995 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
flashlight fish symbiont bacterium

JQ0413 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Photobacterium leiognathi

C39853 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Photobacterium phosphoreum (fragment)

A49775 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Vibrio cholerae (strain 14547) (fragment)

B49775 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Vibrio cholerae (strain 4082) (fragment)

C49775 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Vibrio cholerae (strain 4102) (fragment)

A22613 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) alpha chain -
Vibrio harveyi

D42951 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Xenorhabdus luminescens

S00575 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Vibrio fischeri

S17954 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Photobacterium leiognathi

JH0388 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Photobacterium phosphoreum

S01698 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Photobacterium leiognathi

S18547 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Vibrio harveyi

C35411 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Xenorhabdus luminescens

C37898 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Xenorhabdus luminescens

D38448 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Xenorhabdus luminescens

A23866 alkanal monooxygenase (FMN-linked) (EC 1.14.14.3) beta chain -
Vibrio harveyi

S33788 luciferase - southern Russian firefly
S57417 luciferase - Japanese firefly
S29355 luciferase - luminescent click beetle (*Pyrophorus plagiophthalmus*)
S29352 luciferase GR - luminescent click beetle (*Pyrophorus plagiophthalmus*)
S29354 luciferase YE - luminescent click beetle (*Pyrophorus plagiophthalmus*)
S29353 luciferase YG - luminescent click beetle (*Pyrophorus plagiophthalmus*)
S50144 luciferase - dinoflagellate (*Cryptocodinium cohnii*)
S53695 luciferase - dinoflagellate (*Cryptocodinium cohnii*)
A39374 *Renilla-luciferin 2-monooxygenase* (EC 1.13.12.5) - sea pansy
 (*Renilla reniformis*) (fragment)
G72605 probable luciferase APE1310 - *Aeropyrum pernix* (strain K1)

Modify Query

Modify Query

Field	Query String
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1. Create the list of all entries containing:

All fields	<input type="text" value="luciferase"/>
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2. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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3. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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4. refine, add to, remove from the list with entries containing:

All fields	<input type="text"/>
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